



**PATIENT PRESENTING CLINICAL SIGNS**

**Chloe Lafko** History: Elevated liver enzyme activity picked on pre-anesthesia blood work for OVH. Been a progressive elevation of liver enzyme activity with no response to Denamarin – although dosing may not have been optimal. Possible PuPd, otherwise no other signs.

**SPECIES**

Canine

Physical Examination: Normal.

**BREED**

Yorkshire terrier

Urinalysis: N/A.

Previous CBC: eosinophilia, monocytosis.

**SEX**

Intact Female

Serum Biochemistry: Elevated ALP and ALT activity, bile acids pending.

Radiographic Findings: N/A.

**AGE**

9 months

**ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN**

**Urinary System**

Full urinary bladder with a normal appearance and thickness of the wall. Normal anechoic urine with no sediment or uroliths evident.

**WEIGHT**

10 #

Normal trigone area, proximal urethra, and iliac blood vessels.

Normal iliac lymph nodes (05 x 2 cm). Ureters not visualized.

**INTERPRETED BY**

Remo Lobetti, BVSc,  
MMedVet (Med), PhD,  
Dipl. ECVIM

Normal renal size (left 4 cm, right 4.2 cm), echogenic appearance, cortico-medullary differentiation, pelvis, and capsule.

**Reproductive System**

N/A.

**Adrenal Glands**

Normal shape, echogenic appearance, size, and position. Left 0.34/0.38 cm.

**Spleen**

Normal size and echogenic appearance. Smooth homogenous parenchyma, smooth curvi-linear capsule, and normal vasculature. No evidence of inflammatory, neoplastic, infarction, or infiltrative changes noted.

**Liver**

Normal size, echogenic, and portal markings. No nodules or masses evident. Small gall bladder containing normal anechoic bile. Normal thickness and echogenic appearance of the gall bladder wall. Normal bile duct.

**Gastrointestinal**

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, normal wall thickness (stomach 0.25 cm, duodenum 0.39 cm, small intestine 0.25 cm, colon 0.14 cm) and peristaltic activity, and no distension of the lumen.

**IMAGING PERFORMED BY**

Dr Lee Gregory, DVM

**HOSPITAL NAME**

Casco Bay Veterinary  
Hospital

**REFERRING VET**

Dr Marc Ouellette, DVM

**INVOICE**

303043

**DATE**

6/18/22



**PATIENT** *Pancreas*

Chloe Lafko Normal size and echogenic appearance. Regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

**SPECIES** *Free Abdomen*

Canine Normal mesenteric lymph nodes (0.5 x 1.9 cm).

**BREED** No ascites.

Yorkshire terrier Normal size of the portal vein, caudal vena cava, and aorta with no obvious turbulent blood flow evident.

**SEX** **ULTRASONOGRAPHIC FINDINGS**

Intact Female Primary Findings:

- None.

**AGE**

9 months Secondary Findings:

- None.

**WEIGHT**

10 #

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Normal ultrasound examination of the abdomen.

**INTERPRETED BY**

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM

Further assessment needs to be based on the results of the pending bile acids – if abnormal then CT angiography and if negative then FNA cytology of the liver as well a Tru-Cut/wedge biopsy of the liver.

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Specific therapy would be dependent on an etiological diagnosis. Supportive management would be to continue with the Denamarin and adding Ursodiol.

**HOSPITAL NAME**

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**REFERRING VET**

Dr Marc Ouellette, DVM

**The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.**

**INVOICE**

303043

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

**Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)**  
[rlobetti@mweb.co.za](mailto:rlobetti@mweb.co.za)

**DATE**

6/18/22